

# Mac Liu

*Computer Science at Iowa State University*

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## EDUCATION

### Iowa State University

**Bachelors of Science:** Computer Science

**GPA:** 4.0

**Graduation Date:** May 2018

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## PROJECTS

### Map My Meal

*In Progress*

Find where free food is located on your campus and discover local restaurant promotions. This app will be available in both Android and iOS.

### Face Analysis

*February 2015*

iOS app that rates users on a 1-10 scale from an image of their face.

### Move.

*In Progress*

A social events mobile app that allows users to connect with their favorite organizations.

### MyDining

*Fall 2014*

Reverse-engineered the current Flash-based, online ISUWebfood app and created an iOS app on top of it.

### Split Pay

*Summer 2014*

iOS app to browse through family and friend's bills and make pledges towards them.

**More projects can be found on my website:**

[macliu.github.io/portfolio](http://macliu.github.io/portfolio)

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## AWARDS & RECOGNITIONS

Canvas My Campus – 1<sup>st</sup> Place

HackMidwest Hackathon 2014 – 2<sup>nd</sup> Place

HackISU Hackathon 2014 – 3<sup>rd</sup> Place

George Washington Carver Scholar

Iowa State University's Deans List

Iowa State University Honors Program

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## SKILLS

### Programming

Java, Objective-C, Swift, Python, Javascript, JQuery, HTML, CSS, C#, XAML

### Software

Xcode, Eclipse, Git, Visual Studio, Sublime Text

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## WORK HISTORY

### Rockwell Collins

#### Software Engineering Coop

**Spring 2015**

Developing ALM tools using HTML, CSS, Python, Javascript, and Java to optimize performance on daily tasks.

### AgriSync

#### Mobile Development Intern

**Fall 2014 - Present**

Worked with Objective-C and WAMS to create and update the AgriSync app.

Redeveloped the AgriSync app in C# and XAML with Xamarin.

### Independent iOS Developer

#### Developer

**Summer 2014 - Present**

Worked with Objective-C and Swift to develop iOS applications with Azure and Parse for hosting services.

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## EXTRACURRICULARS

Mobile Development Club (Social Chair)

Computer Science/Software Engineering Club

Information Assurance Group

Startup Weekend in Cedar Rapids

CyHack Club

HackISU Hackathon

HackMidwest Hackathon

CodeDay

Garmin Programming Showdown

CTC Workshops (Volunteer)

